PTO/SB/08A (04-03)

Approved for use through 04/30/2003. OMB 0651-0031
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Set of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

	Substitute for ton TRADEA/PTO			Complete if Known		
Substitut	e for fo min votr g.	NPIO		Application Number	10/630,097	
INFO	INFORMATION DISCLOSURE			Filing Date	July 29, 2003	
		First Named Inventor	JeffreyD. Hooker			
SIA	STATEMENT BY APPLICANT			Group Art Unit		
	(use as many	sheets as r	necessary)	Examiner Name		
Sheet	1	of	1	Attorney Docket Number	03-0077.01	

Cite No.	Document Number			
No.	Number - Kind Code 2 (# known)	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Occument	Pages, Columns, Unes, Where Refevent Passages or Refevent Figures Appear
1	US- 6,440,057	08/27/02	Ergun et al.	
2	US- 5,399,731	03/21/95	Wimmer	
	US-			
				
			<u> </u>	
			#* F ₁ , F ₂	· · ·
				
			<u> </u>	
	1 2	2 US- 5,399,731 US- US- US-	2 US- 5,399,731 03/21/95 US-	2 US- 5,399,731 03/21/95 Wimmer US- US- US- US-

		FOREIGN	PATENT DOCUMENT	S		
	0"-	Foreign Patent Document			Pages, Columns, Lines,	Т
Examiner Initials*		County Code ³ - Number ⁴ - Kind Code ⁵ (if known)	Publication Date MM-DD-YY	Name of Patentee or Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	Τª
_						
	<u> </u>	, , , , , , , , , , , , , , , , , , , ,	·	-		
		· · · · · ·				†
	· ·					
						
•				· · · · · · · · · · · · · · · · · · ·		\vdash
			<u> </u>			\vdash

Examiner	100 -	1	Λ Λ	• •		Date		1	. 1	
Signature	mone	-K.	uh lu	1		Considered	04	/ O4	1106	
EXAMINER:	Initial if reference	considered,	, whether or n	ot citation	is in conformance	with MPEP 609.	Draw line	through	citation if n	ot in

conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Alexandria, VA 2213-1450.

Applicant's Unique citation designation number (optional). See Kinds Codes of U.S. Patent Documents at www.uspto.gov or MPEP 901.4. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031 Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

er the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number-

C BAD				C mpl	ete if Known
	Substitute for for	m 1449B/PTO		Application Number	10/630,097
	INFORM	ATION DI	SCLOSURE	Filing Date	July 29, 2003
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				First Named Inventor	Jeffrey D. Hooker
•	SIAIEN	ENI BY	APPLICANT	Group Art Unit	
	(use a	s many sheets a	s necessary)	Examiner Name	
	Sheet 1	of	2	Attorney Docket Number	03-0077.01

MOV 0 3 2003

Cite Indicate name of this author (in CAPITAL LETTERS), blue of the ample (when appropriate), blue of the Item (book, magazine, journal, seetal, symposium, catalog, etc.), date, page(s), volume-issue number(s). LANG, KARL, "Biodiesel: On the Road To Fueling the Future", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 1, Hart/IRI Fuels Information Services, Potomac, Maryland. Programment Programment	T2
Biodiesel: On the Road to Fueling the Future, 2001, Pg. 1, Hart/IRI Fuels Information Services, Potomac, Maryland. 2 HIGGINS, JENNA, "The Clear Choice For Clean Air, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 4, Hart/IRI Fuels Information Services, Potomac, Maryland. 3 "Biodiesel: So We Can All Breathe Easier", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 6, Hart/IRI Fuels Information Services, Potomac, Maryland. 4 HOWELL, STEVE, "Rigorous Standards Ensure Biodiesel Performance", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 7, Hart/IRI Fuels Information Services, Potomac, Maryland. 5 NAZZARO, PAUL, "Biodiesel Is Lubricity", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 9, Hart/IRI Fuels Information Services, Potomac, Maryland. 6 Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
Fuels Information Services, Potomac, Maryland. 2 HIGGINS, JENNA, "The Clear Choice For Clean Air, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 4, Hart/IRI Fuels Information Services, Potomac, Maryland. 3 "Biodiesel: So We Can All Breathe Easier", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 6, Hart/IRI Fuels Information Services, Potomac, Maryland. 4 HOWELL, STEVE, "Rigorous Standards Ensure Biodiesel Performance", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 7, Hart/IRI Fuels Information Services, Potomac, Maryland. 5 NAZZARO, PAUL, "Biodiesel Is Lubricity", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 9, Hart/IRI Fuels Information Services, Potomac, Maryland. 6 Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
HIGGINS, JENNA, "The Clear Choice For Clean Air, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 4, Hart/IRI Fuels Information Services, Potomac, Maryland. 3 "Biodiesel: So We Can All Breathe Easier", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 6, Hart/IRI Fuels Information Services, Potomac, Maryland. 4 HOWELL, STEVE, "Rigorous Standards Ensure Biodiesel Performance", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 7, Hart/IRI Fuels Information Services, Potomac, Maryland. 5 NAZZARO, PAUL, "Biodiesel Is Lubricity", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 9, Hart/IRI Fuels Information Services, Potomac, Maryland. 6 Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
Road to Fueling the Future, 2001, Pg. 4, Hart/IRI Fuels Information Services, Potomac, Maryland. "Biodiesel: So We Can All Breathe Easier", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 6, Hart/IRI Fuels Information Services, Potomac, Maryland. HOWELL, STEVE, "Rigorous Standards Ensure Biodiesel Performance", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 7, Hart/IRI Fuels Information Services, Potomac, Maryland. NAZZARO, PAUL, "Biodiesel Is Lubricity", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 9, Hart/IRI Fuels Information Services, Potomac, Maryland. Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
Services, Potomac, Maryland. "Biodiesel: So We Can All Breathe Easier", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 6, Hart/IRI Fuels Information Services, Potomac, Maryland. HOWELL, STEVE, "Rigorous Standards Ensure Biodiesel Performance", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 7, Hart/IRI Fuels Information Services, Potomac, Maryland. NAZZARO, PAUL, "Biodiesel Is Lubricity", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 9, Hart/IRI Fuels Information Services, Potomac, Maryland. Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
"Biodiesel: So We Can All Breathe Easier", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 6, Hart/IRI Fuels Information Services, Potomac, Maryland. HOWELL, STEVE, "Rigorous Standards Ensure Biodiesel Performance", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 7, Hart/IRI Fuels Information Services, Potomac, Maryland. NAZZARO, PAUL, "Biodiesel Is Lubricity", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 9, Hart/IRI Fuels Information Services, Potomac, Maryland. Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
Fueling the Future, 2001, Pg. 6, Hart/IRI Fuels Information Services, Potomac, Maryland. 4 HOWELL, STEVE, "Rigorous Standards Ensure Biodiesel Performance", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 7, Hart/IRI Fuels Information Services, Potomac, Maryland. 5 NAZZARO, PAUL, "Biodiesel Is Lubricity", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 9, Hart/IRI Fuels Information Services, Potomac, Maryland. 6 Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
Potomac, Maryland. HOWELL, STEVE, "Rigorous Standards Ensure Biodiesel Performance", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 7, Hart/IRI Fuels Information Services, Potomac, Maryland. NAZZARO, PAUL, "Biodiesel Is Lubricity", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 9, Hart/IRI Fuels Information Services, Potomac, Maryland. Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
HOWELL, STEVE, "Rigorous Standards Ensure Biodiesel Performance", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 7, Hart/IRI Fuels Information Services, Potomac, Maryland. NAZZARO, PAUL, "Biodiesel Is Lubricity", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 9, Hart/IRI Fuels Information Services, Potomac, Maryland. Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
Performance", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 7, Hart/IRI Fuels Information Services, Potomac, Maryland. NAZZARO, PAUL, "Biodiesel Is Lubricity", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 9, Hart/IRI Fuels Information Services, Potomac, Maryland. Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
7, Hart/IRI Fuels Information Services, Potomac, Maryland. 5 NAZZARO, PAUL, "Biodiesel Is Lubricity", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 9, Hart/IRI Fuels Information Services, Potomac, Maryland. 6 Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
NAZZARO, PAUL, "Biodiesel Is Lubricity", Biodiesel: On the Road to Fueling the Future, 2001, Pg. 9, Hart/IRI Fuels Information Services, Potomac, Maryland. Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
Fueling the Future, 2001, Pg. 9, Hart/IRI Fuels Information Services, Potomac, Maryland. 6 Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
Potomac, Maryland. 6 Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
6 Case Histories From Selected Biodiesel Users Around the Country, Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
Biodiesel: On the Road to Fueling the Future, 2001, Pg. 10, Hart/IRI	
Fuels Information Services, Potomac, Maryland.	•
7 "Biodiesal Offers Fleets a Better Alternative to Petroleum", Technical	
Assistance Fact Sheet, Clean Cities, Alternative Fuel Information	
Series, U.S. Department of Energy, Office of Energy Efficiency and	
Renewable Energy, National Renewable Energy Laboratory, May 2001.	
8 KORBITZ, WERNER, "World-Wide Trends in Production and Marketing	
of Biodiesel", ALTENER-Seminar: "New Markets for Biodiesel in	
Modern Common Rail Diesel Engines", May 22, 2000, University for	
Technology in Graz, Austria.	
	}

Signature Manuel.	Chelin		04/04/06
EXAMINER: Initial if reference considered	, Whether or not citation is in conformance with py of this form with next communication to app	th MPEP 609. E Dlicant.	draw line through citation if not in

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: t Commissioner for Patents, PO BOX 1450, Alexandria, VA 22313-1450.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08B (04-03)

Approved for use through 04/30/2003. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

perwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

ORMATION DISCLOSURE STATEMENT BY APPLICANT **Application Number** 10/630,097 July 29, 2003 Filing Date **First Named Inventor** Jeffrey D. Hooker **Group Art Unit Examiner Name**

Complete if Known

(use as many sheets as necessary) Sheet of

or form 1449B/PTO

Attorney Docket Number 03-0077.01

		OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
MRC	9	KORBITZ, WERNER, "World-Wide Trends in Production and Marketing of Biodiesel", ALTENER-Seminar: "New Markets for Biodiesel in Modern Common Rail Diesel Engines", May 22, 2000, University for	
mrc	10	Technology in Graz, Austria. "Report of the Clean Diesel Independent Review Subcommittee Clean Air Act Advisory Committee" Final Report: Meeting Technology Challenges For the 2007 Heavy-Duty Highway Diesel Rule, October 30, 2002, Washington DC.	
mer	11	Commonly Asked Questions, Found at http://www.biodiesel.org	
mer	12	Biodiesel Performance, Found at http://www.biodiesel.org	
mec	13	State Biodiesel Initiatives, July 2001, Found at http://www.biodiesel.org	
mec	14	Biodiesel Myths and Facts, Found at http://www.biodiesel.org	
mrc	15	Lubricity Benefits, Found at http://www.biodiesel.org	
MRC	16	Biodiesel Facility Begins Production in Ralston, Iowa, News Release, December 12, 2002, Found at http://www.biodiesel.org .	

Examiner		Data	
LABITITIE	000 and A A A	Date	
O' .	Morene Charlie	l	04/04/06
Signature		l Considered	07/07/00
	The fact of the same		

*EXAMINER: Initial if retarence considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: t Commissioner for Patents, PO BOX 1450, Alexandria, VA 22313-1450.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English tanguage Translation is attached.

PTO/SB/08A (08-03)

Approved for use through 07/31/2006. OMB 0651-0031 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

JUL 1 1 2005 erwork Reduction Act of 1995, no persons are required to respond to a collection of Information unless it contains a valid QMB control number.

tute for form 1449/PTO

Sheet 1

TO ADENIE INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Co	mplete if Known
Application Number	10/630,097
Filing Date	July 29, 2003
First Named Inventor	Jeffrey D. Hooker
Art Unit	1621
Examiner Name	
Attorney Docket Number	03.0077.01

		,		DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number Number-Kind Code ^{2 (# known)}	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
MRC	1	^{US-} 4,140,644	02/20/1979	Sandhu et al.	
O) RC	2	^{US-} 6,696,583 B2	02/24/2004	Koncar et al.	
mre	3	^{US-} 4,465,819	08/14/1984	Kosanovich et al.	
		US-			
		US-			
		US-			·
		US-			
		US-			<u> </u>
		US-			
	-	US-			
	· · ·	US-			
		US-			
		US-		 	
		US-			
		US-			

Examiner Cite Initials* No.1	Cite No 1	Foreign Patent Document	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines,	П
	Country Code ³ "Number ⁴ "Kind Code ³ (if known)	MM-DD-YYYY	Applicant or oned boddinent	Where Relevant Passages Or Relevant Figures Appear	۲۰	
						Γ
						Г
:			•			Г
						۲

Examiner Signature	moune chilip	Date Considered	04/04/06

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 509. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.